



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBWAAB0026
Job Sheet 176134



Part No: RBWAAB0026

Job Qty: 3 ea

Part Name: Main Rotor & Tail Rotor Servoactuator Torque Socket



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/17/18

Job Tracking No:

Due Date: 4/17/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG RBWAAB0026 Rev 2 IPP Rev A 18.01.10 New issue DP Verify DD/IPP Rev B 18.02.06 Now purchased part DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Purchasing	3 pcs		4/17/18	0.00	0.00	Purchasing		At 18/04/17
110	Packaging	3 pcs		4/17/18	0.00	0.00	Packaging2		At 18/04/17
120	QC	3 pcs		4/17/18	0.00	0.00	QC6		EB
130	Packaging	3 pcs		4/17/18	0.00	0.00	Packaging3		18-04-19 CB
140	QC21-FG	3 Ea		4/17/18	0.00	0.00	QC21	mat. 18/04/19	GA094 CB

Part Op Descriptions: 90 - 1-Issue P/O to METEC ; P/O 38992 Fabricate as per DWG RBWAAB0026

X3

APR 17 2018

DAS

13

9-59

DAS

21

9-59

APR 20 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBWAAB0026P	Main Rotor & Tail Rotor Servoactuator Torque Socket	3 Ea (1 ea)	90-Purchasing	506207

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Purchasing	RBWAAB0026P	3	0	0

Part Specifications

Specifications could not be found.

Plex 4/17/18 2:05 PM dart.lavoie.chantal

CONTAINER NO. 00002000

PART NO: RBWAAB0026

Revision:

Packaging

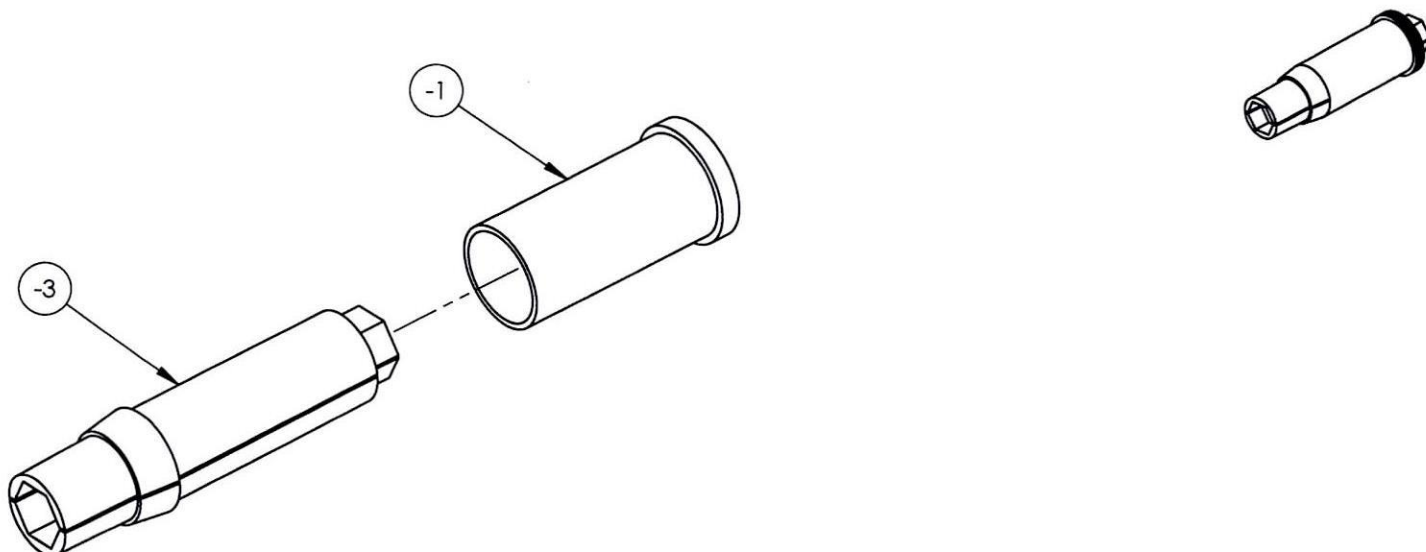
Change No:

Mfg Date: 04/17/18

Job No: 176134

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		REVISIONS			
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	11/17/2015	RJC	JAG
2	16-0280	UPDATED TO NEW STANDARDS. -1 CH'D MATERIAL WAS 4140 Q&T/4142 Q&T IS 4140/4142; ADDED HEAT TREAT, ADDED FINISH SPEC. -3 CH'D DIM WAS Ø1.101+0.000/-0.003 S.F. -1 IS Ø1.099/1.096 (S.F. -1); ADDED NOTE 'SPLIT LINE' Δ; CH'D NOTE Δ WAS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. IS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. FLATS ON SOCKET MUST ALIGN; ADDED FINISH SPEC.	12/29/2016	SM	JAG



NOTES:

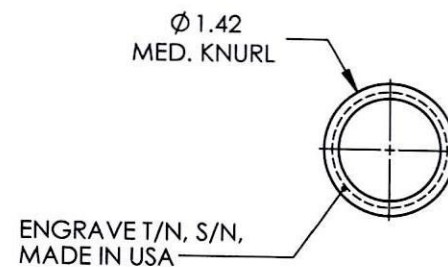
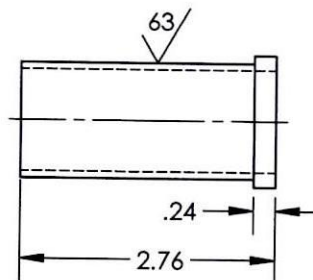
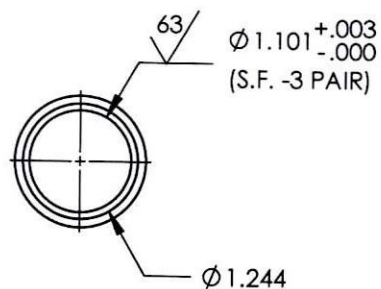
1. REFERENCE AGUSTA T/N AAB0026.
2. UPDATED RBWAAB0006.

DART AEROSPACE	
TITLE M/R & T/R SERVO TORQUE SOCKET	
DWG NO. RBWAAB0026	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT Q&T	.XXX ± .005 FRACTIONS ± 1/8
FINISH Δ	.XX ± .01 ANGLES ± 5°
SPEC Δ	.X ± .1 SURFACES = 125
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .016R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL AW139
APPROVED: GILBERT	SCALE 1:1 DATE 11/1/2015 SHEET 1 OF 3

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	CLAMP	4140/4142		2
			-3	1	SOCKET	4140/4142		3

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0280	-1 CH'D MATERIAL WAS 4140 Q&T/4142 Q&T IS 4140/4142; ADDED HEAT TREAT, ADDED FINISH SPEC.	12/29/2016	SM	JAG



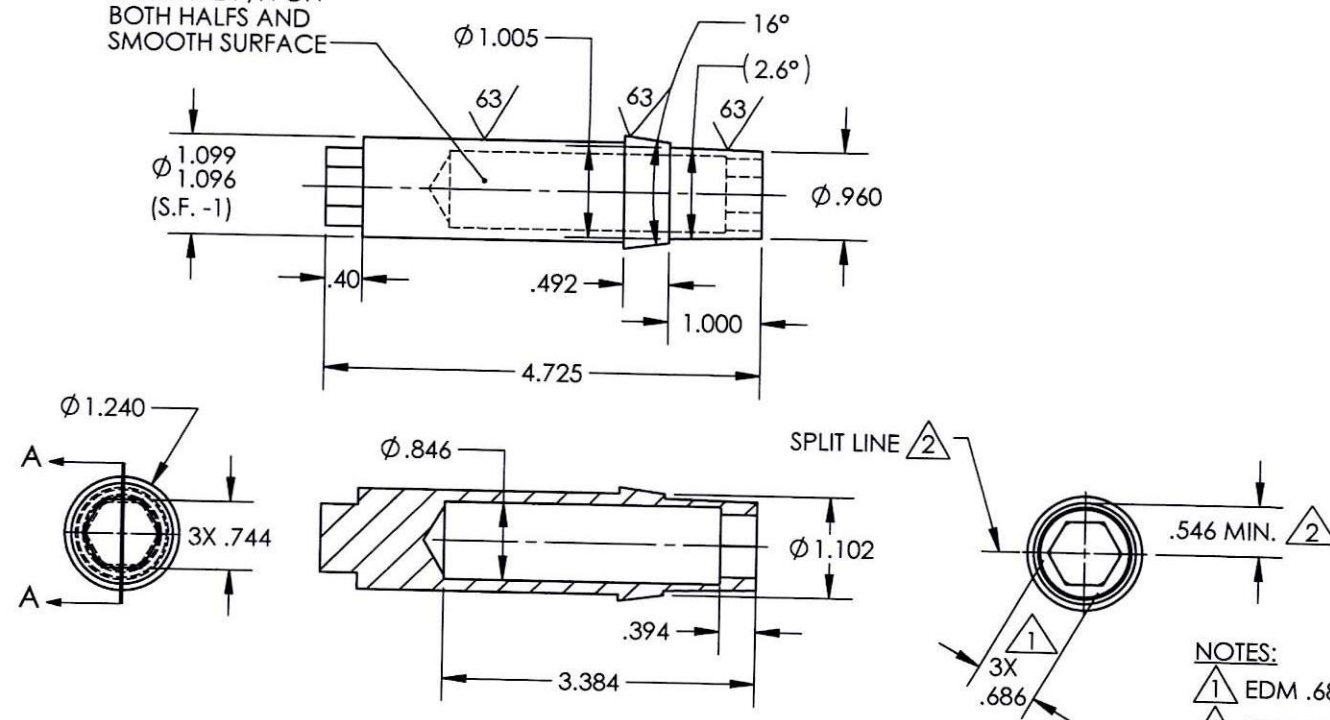
(-1)
CLAMP

DART AEROSPACE	
TITLE M/R & T/R SERVO TORQUE SOCKET	
DWG NO. RBWAAB0026-1	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-34	DIMENSIONS ARE IN INCHES
FINISH BLACK OXIDE	.XXX ± .005 FRACTIONS ± 1/8
SPEC QMSI-6.2.2, B.O. REV D	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:2	USED ON MODEL
DATE 11/17/2015	AW139
SHEET 2 OF 3	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
2	16-0280	-3 CH'D DIM WAS $\varnothing 1.101 +.000 / -.003$ S.F. -1 IS $\varnothing 1.099 / 1.096$ (S.F. -1); ADDED NOTE "SPLIT LINE $\triangle$ ": CH'D NOTE $\triangle$ WAS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. IS EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. FLATS ON SOCKET MUST ALIGN; ADDED FINISH SPEC.	12/29/2016	SM	JAG	

ENGRAVE P/N ON BOTH HALFS AND SMOOTH SURFACE



SECTION A-A

(-3)

SOCKET

NOTES:

1 EDM .686 HEX.

2 EDM SOCKET IN HALF WITH MINIMAL MATERIAL LOSS. FLATS ON SOCKET MUST ALIGN.



TITLE		M/R & T/R SERVO TORQUE SOCKET	
DWG NO.		RBWAAB0026-3	
REV		2	
MATERIAL		4140/4142	
HEAT TREAT		RC 38-43	
FINISH		BLACK OXIDE	
SPEC		QMSI-6.2.2, B.O. REV D	
DRAWN BY:		CLOUGH	
CHECKED:		DUERFELDT	
OPPS APPR:		ANDERSON	
QA APPR:		LINDSAY	
APPROVED:		GILBERT	
SCALE		1:2	
DATE		11/17/2015	
SHEET		3 OF 3	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

USED ON MODEL
AW139



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO038992

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038992
PO Date: 2/8/18
Due Date: 3/23/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

E-MAILED
FEB 08 2018

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	RBWAAB0026P			Main Rotor & Tail Rotor Servoactuator Torque Socket As Per Dwg RBWAAB0026 Rev. 2	Firmed	3/23/18	4 Ea	0 Ea 3x	4 Ea AT 18/04/17	\$1,215.00/Ea	\$4,860.00

Line Item Note: job# 171783

Grand Total: \$4,860.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

[Handwritten signature]
LB

Plex 2/8/18 11:45 AM dart.baker.diane



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity

3

Part Number

RBW AAB0026 REV 2

Part Name

M/R & T/R Torque Socket

P.O. Number

38992

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

A handwritten signature in blue ink that reads "Heather Nixon".

Heather Nixon

Vankleek Hill, April 17, 2018